

1. (Previously Presented) A joint prosthesis comprising:

a first member for engaging a first bone portion, the first member comprising a first surface with a first curve defining a concave recess, the first curve having a first radius of curvature;

a second member for engaging a second bone portion, the second member comprising a second surface with a second curve defining a convex projection, the second curve having a second radius of curvature smaller than the first radius of curvature; and

a center member adapted for placement at least partially the between the first member and the second member, the center member including:

a convex third surface for movably mating with the concave recess defined by the first curve of the first surface, the third surface having a third radius of curvature substantially similar to the first radius of curvature,

a fourth surface having a concave central portion and a convex outer portion extending substantially around the concave central portion, the concave central portion for movably mating with the convex projection defined by the second curve of the second surface, the concave central portion having a fourth radius of curvature substantially similar to the second radius of curvature;

wherein the first member is translatable with respect to the second member and the first and second members are biased towards an alignment along a first axis passing through the first and second bone portions.

2. (Previously Presented) The joint prosthesis of claim 1 wherein the first radius of curvature is constant and has a first center point.

3. (Previously Presented) The joint prosthesis of claim 2 wherein the second radius of curvature is constant and has a second center point.

4. (Previously Presented) The joint prosthesis of claim 3 wherein alignment comprises alignment of the first and second center points along the first axis.

5. (Canceled)
6. (Withdrawn) The joint prosthesis of claim 1 wherein the first curve has a variable radius.
7. (Previously Presented) The joint prosthesis of claim 1 wherein the first surface has a combination of curved and flat portions.
8. (Canceled)
9. (Previously Presented) The joint prosthesis of claim 1 wherein the center member articulates between the first and second surfaces as the first member is translated relative to the second member.
10. (Withdrawn) The joint prosthesis of claim 1 wherein the second surface has a semi-cylindrical protrusion extended along a lateral axis.
11. (Currently Amended) The joint prosthesis of claim 1 wherein the convex projection of the second surface ~~is~~ has a semi-spherical protrusion.
12. (Withdrawn) The joint prosthesis of claim 1 wherein the first and second surfaces have depressions.
13. (Withdrawn) The joint prosthesis of claim 1 further comprising a restraint mechanism for restricting motion along a second axis orthogonal to the first axis.
14. (Withdrawn) The joint prosthesis of claim 13 wherein the first member is translatable with respect to the second member along a third axis orthogonal to the first and second axes.
15. (Original) The joint prosthesis of claim 1 further comprising a neutral position and a first position wherein in the first position, the implant is biased to move toward the neutral position.

16. (Original) The joint prosthesis of claim 15 wherein in the first position, the first curve is in closer conformance with the second curve.

17. (Original) The joint prosthesis of claim 1 wherein the first curve is wider than the second curve.

18. (Previously Presented) The joint prosthesis of claim 1 wherein the first member is superior to the second member along the first axis.

19. (Canceled)

20. (Withdrawn) The joint prosthesis of claim 1 wherein the first and second surfaces are concave.

21. (Original) The joint prosthesis of claim 1 wherein the first and second bone portions comprise a shoulder joint.

22. (Original) The joint prosthesis of claim 1 wherein the first and second bone portions comprise a knee joint.

23. (Original) The joint prosthesis of claim 1 wherein the first and second bone portions comprise a hip joint.

24-26. (Canceled)

27. (Previously Presented) The joint prosthesis of claim 1 wherein the first member includes a first engagement surface for engaging a first part of the first bone portion.

28. (Previously Presented) The joint prosthesis of claim 27 wherein the first engagement surface is shaped to substantially conform to a first shape of the first part of the first bone portion.
29. (Currently Amended) The joint prosthesis ~~intervertebral implant~~ of claim 28 wherein the first engagement surface is substantially flat.
30. (Withdrawn) The intervertebral implant of claim 28 wherein the first engagement surface is at least partially curved.
31. (Withdrawn) The intervertebral implant of claim 28 wherein the first engagement surface is at least partially convex.
32. (Previously Presented) The joint prosthesis of claim 28 wherein the second member includes a second engagement surface for engaging a second part of the second bone portion.
33. (Previously Presented) The joint prosthesis of claim 29 wherein the second engagement surface is shaped to substantially conform to a second shape of the second part of the second bone portion.
34. (New) The joint prosthesis of claim 1, wherein the convex third surface and the fourth surface of the center member each have substantially circular circumferences.
35. (New) The joint prosthesis of claim 31, wherein the circular circumference of the convex third surface is substantially similar to the circular circumference of the fourth surface.
36. (New) The joint prosthesis of claim 32, wherein the center member further includes a sidewall extending between the convex third surface and the fourth surface.
37. (New) The joint prosthesis of claim 33, wherein the sidewall is substantially planar.